

Patent Abstracts of Japan

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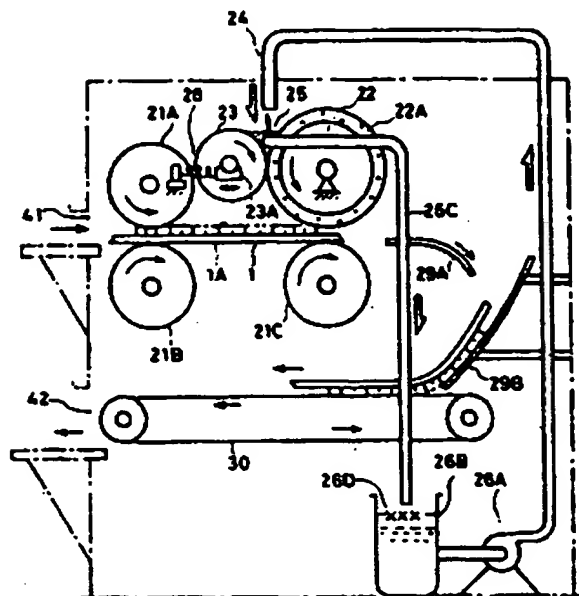
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TITLE : DRUG COATER FOR FOOT WIPING MAT



ABSTRACT : PURPOSE: To execute continuous treatments of many mats with fewer man-hours by supplying the mats between plural rollers and supplying a liquid drug to the surfaces of the progressing mats by means of the rollers disposed to come into contact with the surfaces of the mats thereby uniformly coating the drug on the mats.

CONSTITUTION: The foot wiping mats 1 inserted in an arrow direction from an insertion port 41 are progressed to the right side by the upper and lower rollers 21A, 21B. The main roller 22 existing on the down stream side of said rollers comes into contact with the mat surface cooperatively with the lower roller 21C, thus assisting the progression thereof. Since the main roller 22 comes into good contact with the mat surface 1A, the liquid drug impregnated in a spongy body 22A on the roller surface is uniformly coated on the mat surface. The drug is continuously dropped from a liquid feed pipe 24 and is stored in a valley-shaped recess 25 where the main roller 22 and the auxiliary roller 23 comes into contact with each other. Since the liquid is returned through a liquid return pipe 26C when the volume of the liquid increases, the drug is kept supplied at all times to the surface of the main roller 22.

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